

PATENT APPLICATION  
DOCKET NO.: 1855.2067-000  
(Formerly MNI-108RCE)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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TECH CENTER 1600/2900

Applicant: Sean A. McCarthy

Application No.: 09/009,802

Group Art Unit: 1636

Filed: January 20, 1998

Examiner: David Guzo

Confirmation No.: 7895

Title: NOVEL CRSP PROTEIN AND NUCLEIC ACID MOLECULES AND USES  
THEREFOR

CERTIFICATE OF MAILING OR TRANSMISSION	
I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, or is being facsimile transmitted to the United States Patent and Trademark Office on:	
<u>October 7, 2003</u>	<u>Shannon Luis</u>
Date	Signature
<u>Shannon Luis</u>	
Typed or printed name of person signing certificate	

**REVOCATION OF POWERS OF ATTORNEY  
AND APPOINTMENT OF NEW ATTORNEYS AND/OR AGENTS**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Millennium Pharmaceuticals, Inc., a Corporation duly organized under the laws of the State of Delaware, is the assignee of the entire right, title and interest in the above-identified application. Millennium Pharmaceuticals, Inc. hereby appoints the attorneys and/or agents associated with:

**Customer No. 021005**

Hamilton, Brook, Smith & Reynolds, P.C.

530 Virginia Road

P.O. Box 9133

Concord, Massachusetts 01742-9133

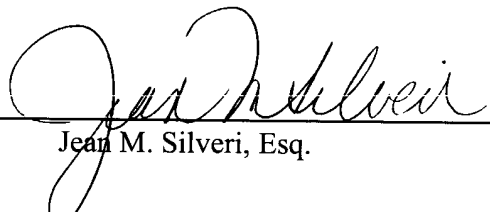
to prosecute the above-identified application and any divisions or continuations thereof and to conduct all business in the United States Patent and Trademark Office. All previously granted Powers of Attorney are hereby revoked.

A Statement under 37 C.F.R. §3.73(b) is submitted herewith.

All correspondence should be sent to Customer No. 021005, Hamilton, Brook, Smith & Reynolds, P.C., 530 Virginia Road, P.O. Box 9133, Concord, Massachusetts 01742-9133. Please direct all telephone calls to Helen E. Wendler, Esq. at (978) 341-0036, and all facsimile communications to (978) 341-0136.

Respectfully submitted,

Millennium Pharmaceuticals, Inc.

By \_\_\_\_\_  
Jean M. Silveri, Esq.

Title Associate General Counsel

Date 10/6/03



Docket No. 1855.2067-000 (Formerly MNI-108RCE)

STATEMENT UNDER 37 C.F.R. § 3.73(b)

Applicant: Sean A. McCarthy

Application No.: 09/009,802

Filed: January 20, 1998

For: Novel CRSP Protein and Nucleic Acid Molecules and Uses Therefor

Millennium Pharmaceuticals, Inc.

(Name of Assignee)

a Corporation

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is

- A. ☒ the assignee of the entire right, title and interest in the patent application identified above; or
- B. ☐ an assignee together with ☐ of the entire right, title and interest in the patent application identified above.

The right, title and interest of the above-named assignee in the patent application identified above is established by virtue of:

- A. ☐ An assignment from the inventor(s) of the patent application identified above. The assignment was recorded in the Patent and Trademark Office at Reel                     , Frame                     , or a copy thereof is attached.

OR

- B. ☒ A chain of title from the inventor of the patent application identified above, to the current assignee as shown below:

1. From: Sean A. McCarthy To: Millennium Biotherapeutics, Inc.  
The document was recorded in the Patent and Trademark Office at  
Reel 9244, Frame 0482-0483, or a copy thereof is attached.
2. From: Millennium Biotherapeutics, Inc. To: Millennium Pharmaceuticals, Inc.  
The document was recorded in the Patent and Trademark Office at  
Reel                     , Frame                     , or a copy thereof is attached.
3. From:                                      To:                                       
The document was recorded in the Patent and Trademark Office at  
Reel                     , Frame                     , or a copy thereof is attached.

- ☐ Additional documents in the chain of title are listed on a supplemental sheet.

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

Name: Jean M. Silveri, Esq.

Title: Associate General Counsel

Signature: 

Date: 10/6/03

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*State of Delaware*  
*Office of the Secretary of State*

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I, EDWARD J. FREEL, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF OWNERSHIP, WHICH MERGES:

"MILLENNIUM BIOTHERAPEUTICS, INC.", A DELAWARE CORPORATION, WITH AND INTO "MILLENNIUM PHARMACEUTICALS, INC." UNDER THE NAME OF "MILLENNIUM PHARMACEUTICALS, INC.", A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, AS RECEIVED AND FILED IN THIS OFFICE THE TWENTY-FIRST DAY OF DECEMBER, A.D. 1999, AT 9:30 O'CLOCK A.M.



Edward J. Freel, Secretary of State

2322355 8100M

001016341

AUTHENTICATION: 0201561

DATE: 01-14-00

DEC 20 1999 10:23 FR HALE AND DORR LLP

STATE OF DELAWARE  
TO 130267485001  
SECRETARY OF STATE  
DIVISION OF CORPORATIONS  
FILED 09:30 AM 12/21/1999  
991550845 - 2322355



## **CERTIFICATE OF OWNERSHIP AND MERGER**

### **MERGING**

**MILLENNIUM BIOTHERAPEUTICS, INC.**  
(a Delaware corporation)

### **INTO**

**MILLENNIUM PHARMACEUTICALS, INC.**  
(a Delaware corporation)

**RECEIVED**  
OCT 15 2003  
TECH CENTER 1600/2900

Millennium Pharmaceuticals, Inc., a corporation organized and existing under and by virtue of the General Corporation Law of the State of Delaware (the "Corporation"), does hereby certify:

**FIRST:** That the Corporation was incorporated on the 13<sup>th</sup> day of January, 1993, pursuant to the General Corporation Law of the State of Delaware.

**SECOND:** That the Corporation owns all of the outstanding shares of the voting stock of Millennium BioTherapeutics, Inc., a corporation incorporated on the 27<sup>th</sup> day of May, 1997 pursuant to the General Corporation Law of the State of Delaware.

**THIRD:** That the Board of Directors of the Corporation, at a meeting duly held on the 13th day of October, 1999, duly adopted the following resolutions:

**RESOLVED:** That, pursuant to Section 253 of the Delaware General Corporation Law, the Corporation is hereby authorized to merge Millennium BioTherapeutics, Inc., a Delaware corporation, of which the Corporation owns 100% of the outstanding voting stock, into the Corporation;

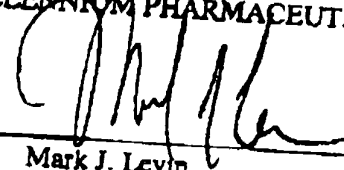
**RESOLVED:** That the Chief Executive Officer, the President, the Chief Financial Officer, the General Counsel and Secretary or Assistant Secretary of the Corporation be and each hereby is, authorized to execute a Certificate of Ownership and Merger with respect to the merger of Millennium BioTherapeutics, Inc. into the Corporation and to cause the same to be filed with the Secretary of State of Delaware, and to take all such other actions and to execute all such other instruments and agreements as they or any of them may deem appropriate to effect such merger;

**RESOLVED:** That the merger of Millennium BioTherapeutics, Inc. into the Corporation shall be effective upon the filing of a Certificate of Ownership and Merger with the Secretary of State of Delaware.

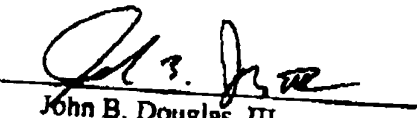
IN WITNESS WHEREOF, Millennium Pharmaceuticals, Inc. has caused this Certificate to be signed by Mark J. Levin as President and attested by John B. Douglas, III as Secretary, this 21st day of December, 1999.

MILLENNIUM PHARMACEUTICALS, INC.

By:

  
Mark J. Levin  
President

ATTEST:

  
John B. Douglas, III